

CADD Standards

075WL_*.dgn

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Section 075WL has been created for wetlands, mitigation and other environmental issues. This section shall be included on all projects where wetlands have been delineated. This section may be required even if there are no designed wetland impacts. This section is also intended to help communicate the avoidance of wetland impacts. This section is usually not required on projects that don't require a wetland review for environmental clearance. Contact the Environmental Section Leader if project circumstances are questionable.

Ensure the appropriate reference files are attached and displayed. See "Appendix A – Plan Sheet References" (<http://www.dot.nd.gov/manuals/design/caddmanual/appendixa.pdf#page=11>).

Additional drawing references may be required if a project includes temporary work such as bypasses or cofferdams. Drawings showing temporary earthwork should be displayed in the 075WL sheets even if it doesn't create impacts.

All information in the Wetland_Impacts.dgn should be display in the 075WL sheets. This includes:

- Delineated wetlands and other waters
- Hatching for both temporary and permanent wetland impacts
- Hatching for both temporary and permanent other water impacts
- Hatching for wetland mitigation
- Labels
 - Type of impacts and mitigation
 - Acreages and/or linear feet of impacts and mitigation
 - Wetland numbers
- Grading tie lines.

The control.dgn reference should display the following information at a minimum.

- Section lines
- Section, township and range labels (control drawings usually label this near section corners)

The design.dgn reference should display the following information at a minimum.

- Riprap
- Cultural avoidance areas
- Bridge outline (only needed for new or extended structures)

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The DS_Align.dgn reference should display the following information at a minimum.

- Controlling alignment and stationing (This feature is often referenced from control.dgn)

The DS_Util.dgn reference should display the following information at a minimum.

- Pipes
- Box culverts
- Flow lines

The Topog.dgn reference should display the following information at a minimum.

- Streams, rivers, sloughs, and lakes – Include names if identified.
- All drainage features – pipes, box culverts, inlets and bridges
- Level display for “existing wet area – vegetation break” features should be turned off.

The RW_Bndry.dgn reference should display the following information at a minimum.

- Existing right of way
- Proposed right of way
- Construction easements

Add north arrows to the individual cut sheets.